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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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1. The following is a legend explaining the sketches of TOS, National Enterprise, at Celakovice which are attached as Annex (A).
 1. Gatekeeper's room.
 2. Corridor, with register clock.
 3. Arms stores of the Works Militia.
 4. Building containing stores and workshops; five stories, 20 by 10 m. in size.
 - a. Ground floor:
 - I. Tinsmith's shop:
 - 1-2) Fitter's benches
 - 3) Shears. This shop was an autogenous mobile welding apparatus.
 - II. Works kitchen and canteen.
 - b. 2nd floor:
 - I. Final assembly of electric machines.
 - 1) Fitter's benches with two new electric drilling machines.
 - 2) Marking table.
 - 3) Large electric drilling machines, new.
 - 4) Small, old grinding machine.
 - 5) Unidentified.
 - II. Assembly of X-ray machines.
 - 1) Fitter's benches with a punching press and a small, older lathe.
 - c. 3rd floor:
 Storage of all materials, except non-ferrous metals.
 - d. 4th floor:
 - I. Assembly of electric equipment for machine tools.
 - 1) Fitter's benches with three bench drilling machines.
 - 2) Old hand presses.
 - 3) Old lathe.

 25 YEAR
RE-REVIEW

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II. Winding shop for transformer coils.

- 1) Fitter's bench.
- 2) Winding machines for transformer coils.

e. 5th floor:

Storage of Government stockpiles and reject materials. These materials may only be used with the permission of the Ministry of Heavy Engineering. Chiefly wire for dynamos (enamelled and insulated).

5. Staircase.
6. Elevator, three tons.
7. Staircase to the second floor of building No. 8.
8. Turners shop and bench-fitter's shop. Two-story building, 40 by 10 meters.
 - a. Ground floor:
 - 1) Three semi-automatic new lathes.
 - 2) Three old lathes.
 - 3) Two old lathes, four m. long.
 - 4) Foreman's office.
 - 5) Electric switchboard.
 - 6) Small, old grinding machine.
 - 7) Grinding machine.
 - 8) Old lathe.
 - 9) New milling machine.
 - 10) Small planing machine, new.
 - 11) Large, old planing machine, five meters long.
 - 12) Old, electric presses.
 - 13) Hand presses, small, old.
 - 14) Benches with three small drilling machines.
 - 15) Flat grinding machine, horizontal, new.
 - 16) Old electric shears, three m. long.
 - 17) Control office.

This workshop has four electric mobile welding apparatus, approximately 160 amperes, and two autogenous welding apparatus.

b. 2nd floor:
Offices.

9. Transformer, three by three meters in size.
10. Storage of iron, non-ferrous metals, chemical material. Three or five by 25 meters.
11. Forge, five by five meters.
12. Boiler house, five by six m. (three boilers).
13. Storage of coal, six by six meters.
14. Garage, six by six meters.
15. Refinery (removing of water from transformer oil heating) ten by ten meters.
 - 1) Bench.
 - 2) Old air suction pump.
 - 3) Electric drying furnaces, for drying the impregnated coils of transformers.
 - 4) Wooden framework with a staircase and two oil boilers.
 - 5) Boilers; average, approximately 130 cm.
16. Storage of completed machines, ten by ten meters.
17. Paint shop, 12 by 5 meters.
18. Corridor, 12 by 5 meters.
19. X-ray testing room, five by six meters.
20. Tool shop, five by six meters. One small mechanic's lathe, new; one new small milling machine, electric bench drilling machine. This workshop is now being equipped; machines are not yet in place. Buildings 9 through 20 are one-story structures.
21. Concrete ramp, approximately three m. wide.
22. Villa, two-story; workers' dwellings.
23. Electric tempering furnace with input of 35,000 W., under a projecting roof. For tempering steel-alloy castings for electro-magnetic clamping plates.

Note. Nos. 5 and 8 do not appear on the sketch.

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2. Annex (B) is a sketch, with legend, of Inkar Horizontal 400, 1,500, 3,000, an electromagnetic apparatus for testing cracks in materials which is produced by the TOS Machinery Plant, Celakovice. The pattern is the same for the following types: Inkar Horizontal 400, 1,500 and 3,000. These types are of various dimensions; their numbers indicate the respective number of millimeters (sic) of each. Type 400 is approximately 110 cm. long, 110 cm. wide and 130 cm. high; Type 1,500 is approximately 250 cm. long, 110 cm. wide and 150 cm. high; Type 3,000 is approximately 350 cm. long, 130 cm. wide and 160 cm. high.
3. Annex (C) is a sketch, with legend, of Inkar Portable II., an apparatus used for testing welds and castings, which is produced by the TOS Machinery Plant, Celakovice. The electrodes are placed on the object to be tested so that a magnetic field is formed between them, and the object being tested is then sprayed with metalized oil.

Comment. [] the name of this plant as TOS, National Enterprise, Celakovice, Chotutice Plant. However, the town of Chotutice (O 51/M 18) is located some miles away from Celakovice and the 1951-52 telephone book lists this plant as TOS Celakovice, National Enterprise.

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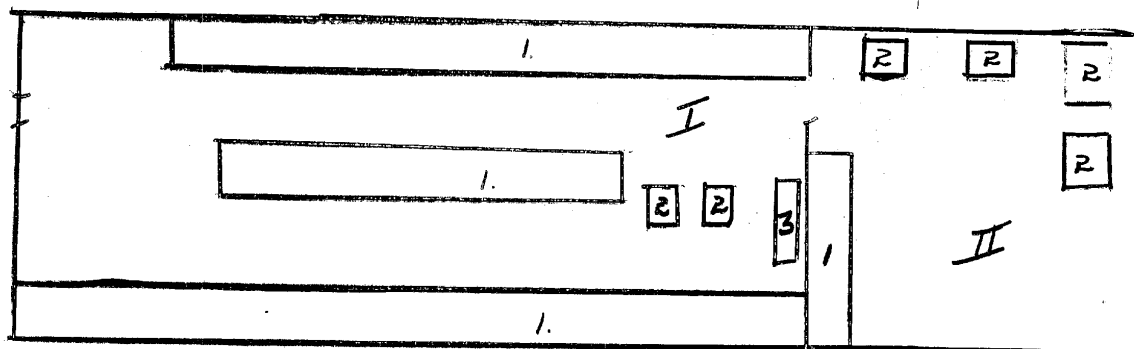
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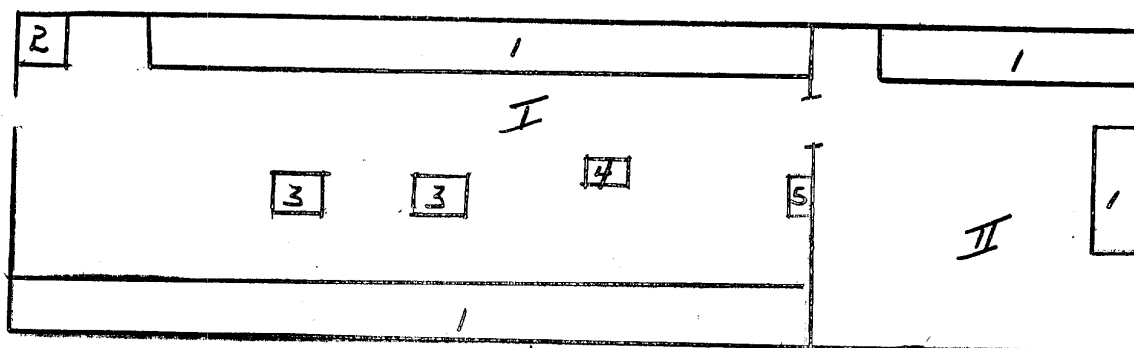
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Building No. 4

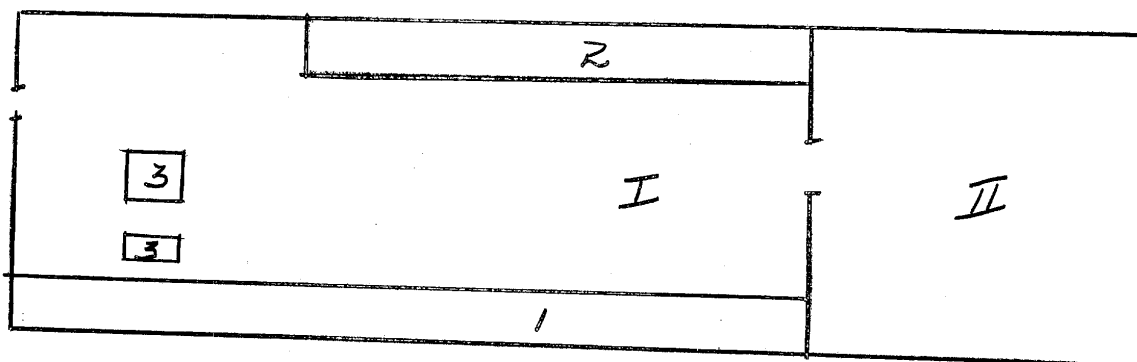
Annex (A)



4th Floor



2nd Floor



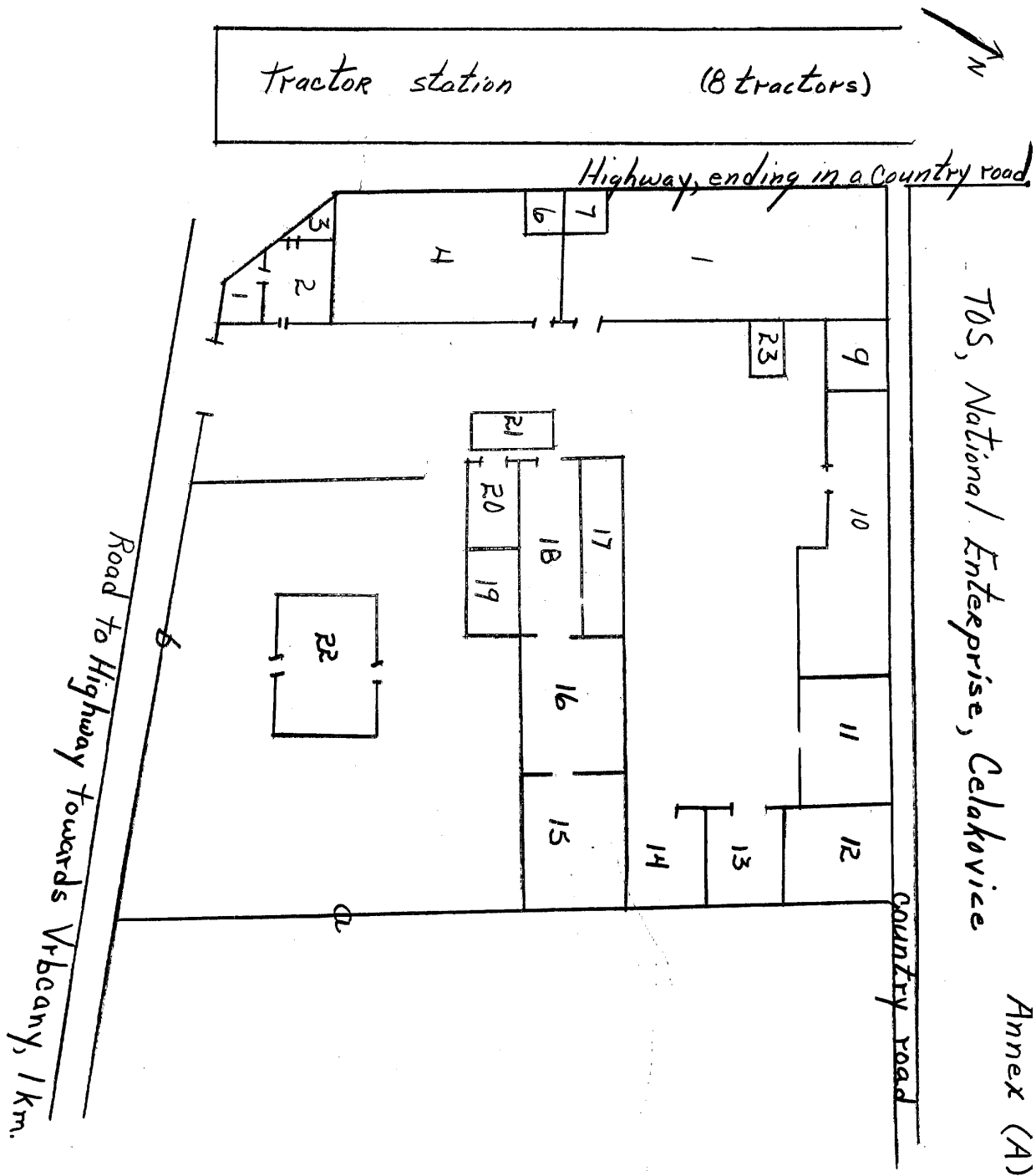
Ground Floor

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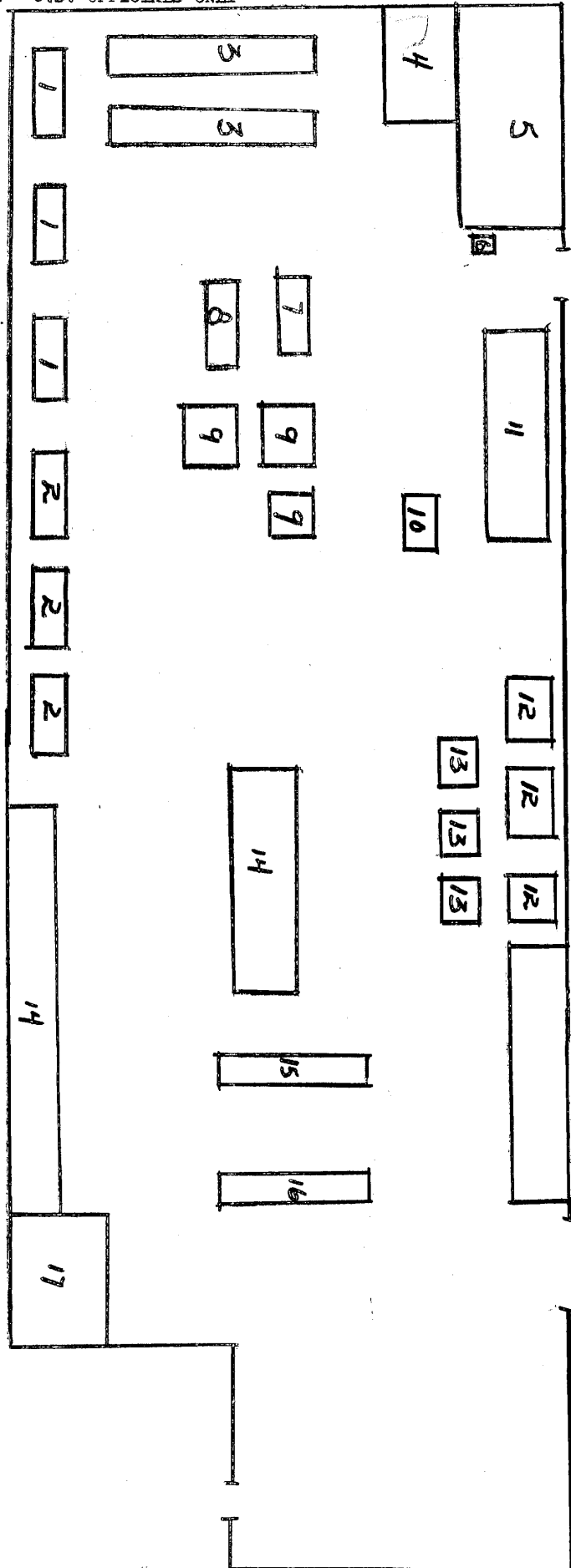
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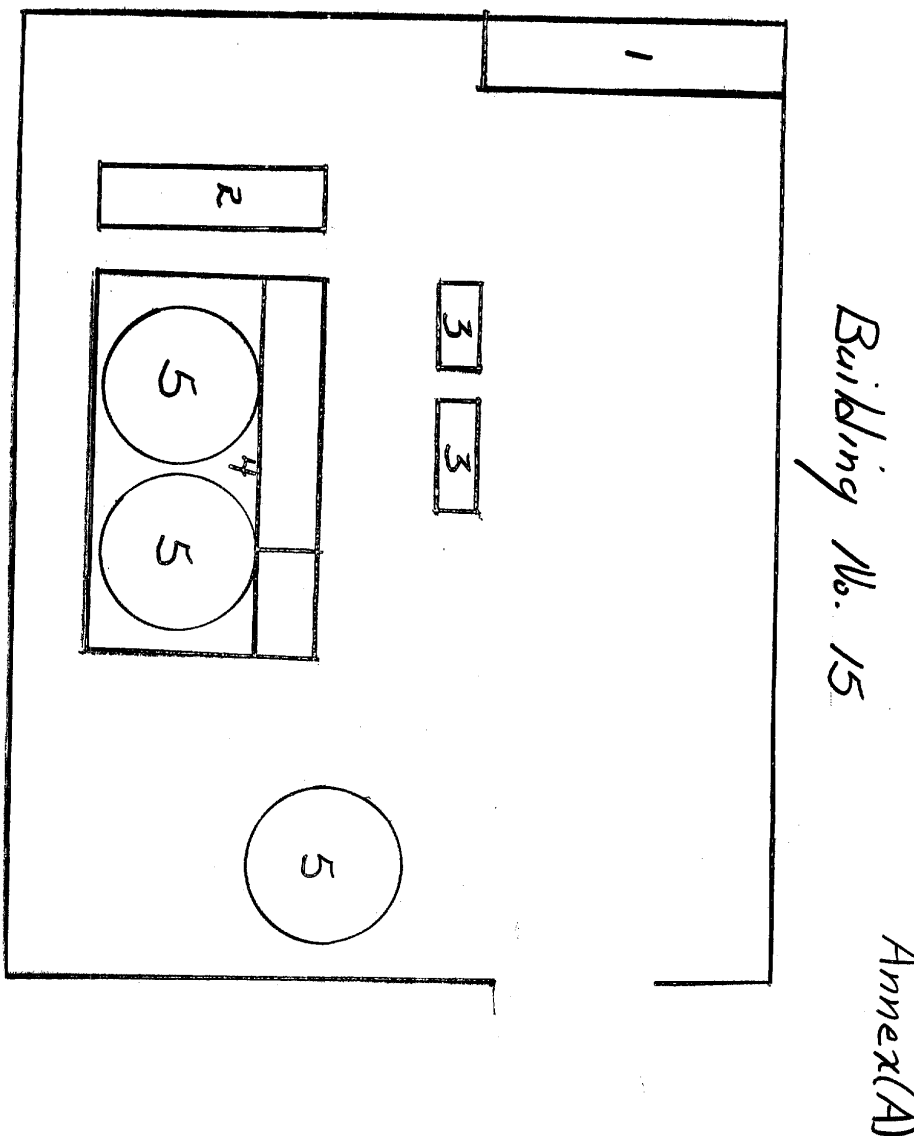
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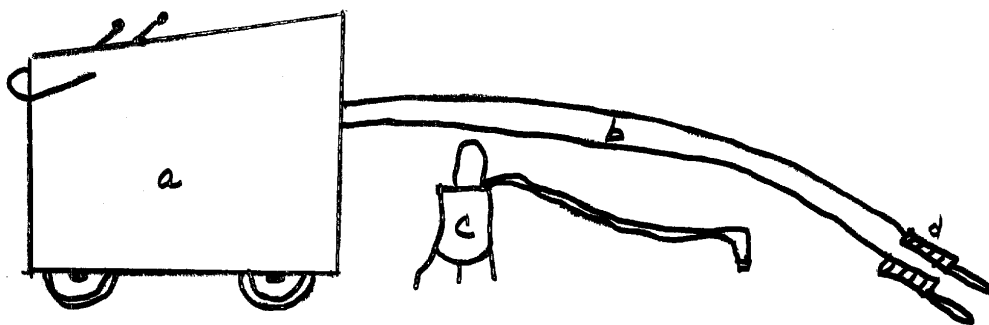
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Inkar Portable II
Product of TOS, Celakovice *Annex (C)*



Legend

- a) the box, 110 cm. long, 100 cm. wide, and 110 cm. high;
- b) cables.
- c) pump with a hose and spray-gun.
- d) Copper hand electrodes.

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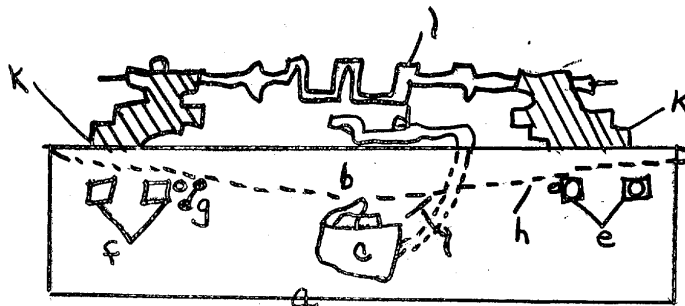
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Annex (B)

I Inkar Horizontal 400-1500-3000
Product of TOS, Celakovice

Legend

- a) Frame of the instrument is of profiled iron, covered with sheet metal, painted grayish-blue.
- b) Basin of aluminum sheet metal.
- c) Pump on the back of the machine.
- d) Hose with a spray gun.
- e) Voltmeter and ammeter for transversal magnetization.
- f) Voltmeter and ammeter for longitudinal magnetization..
- g) Switch for longitudinal magnetization.
- h) Switch for transversal magnetization.
- i) Depolarizer (Demagnetization of the tested object).
- k) Movable riders for clamping the object to be tested.
- l) Tested object (i.e. crankshaft).

Note: Pt. i is not indicated on the sketch.

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